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- ☒ Other, description: 6,060,8842
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The Director of the United States
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Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America for the term set forth below, subject to the payment of maintenance fees as provided by law.

If this application was filed prior to June 8, 1995, the term of this patent is the longer of seventeen years from the date of grant of this patent or twenty years from the earliest effective U.S. filing date of the application, subject to any statutory extension.

If this application was filed on or after June 8, 1995, the term of this patent is twenty years from the U.S. filing date, subject to any statutory extension. If the application contains a specific reference to an earlier filed application or applications under 35 U.S.C. 120, 121 or 365(c), the term of the patent is twenty years from the date on which the earliest application was filed, subject to any statutory extensions.

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,060,284

DATED : May 9, 2000

INVENTOR(S) : J. Fernando Bazan

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 59, line 65, after "which" insert --encodes amino residues 155-164 of SEQ ID NO: 2 and--.

Column 60, line 53, delete "; and" and line 54 delete "c) encodes amino residues 155-164 of SEQ ID NO: 2."

Column 60, line 61, change "1" to --3--.

Column 62, line 7, insert "or".

Column 62, line 17, delete "is".



Signed and Sealed this

Twenty-sixth Day of September, 2000

Attest:

Michelle Williams

Attesting Officer

Q. Todd Dickinson

Q. TODD DICKINSON

Director of Patents and Trademarks

United States Patent [19]
Bazan

[11] **Patent Number:** **6,060,284**
 [45] **Date of Patent:** **May 9, 2000**

[54] **DNA ENCODING INTERLEUKIN-B30**

[75] **Inventor:** **J. Fernando Bazan**, Menlo Park, Calif.

[73] **Assignee:** **Schering Corporation**, Kenilworth, N.J.

[21] **Appl. No.:** **09/122,443**

[22] **Filed:** **Jul. 24, 1998**

Related U.S. Application Data

[60] Provisional application No. 60/053,765, Jul. 25, 1997.

[51] **Int. Cl.⁷** **C12N 15/24**; C12N 15/63;
 C12N 5/10; C07K 14/54

[52] **U.S. Cl.** **435/69.52**; 536/23.1; 536/23.5;
 536/24.3; 536/24.31; 530/351; 435/70.1;
 435/71.1; 435/71.2; 435/325; 435/471;
 435/320.1; 435/252.3; 435/254.11

[58] **Field of Search** 536/23.1, 23.5,
 536/24.3, 24.31; 530/351; 435/69.52, 704,
 71.1, 71.2, 471, 325, 252.3, 254.11, 320.1

[56] **References Cited**

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[57]

ABSTRACT

Purified genes encoding cytokines from a mammal, reagents related thereto including purified proteins, specific antibodies, and nucleic acids encoding this molecule are provided. Methods of using the reagents and diagnostic kits are also provided.

17 Claims, No Drawings